PMS

STERILE PACKAGING SYSTEMS

PMSterpack®
Do not use if pack is damaged
EN 868-5
130X290 mm.
LOT 4309

PEEL HERE

SOLUTIONS FOR STERILE PACKAGING SYSTEMS

PMS

PMS is an international producer of sterilization consumables and devices. Since 1997, it has been producing efficient, reliable and flexible solutions for healthcare institutions and medical device manufacturers with its wide product range.

Operating in more than 69 countries in five continents and with production plants in international standards in Turkey, India and sales office in Germany, PMS is a reliable partner with its strategic and global collaborations and more competitive and innovative approach.

For further information: www.pmsmedikal.com

PMSSteripack • **PMS**SteriTest • **PMS**SteriSeal • sterimate • **neuster**

STERILIZATION PACKAGING PRODUCTS

STEAM ⇨ BROWN
E.O. ⇨ YELLOW

LOT 3210

PMSSteripack sterilization packaging products are developed and designed to ensure reliable protection of medical device against contamination with bacteria.

Heat-Sealable Sterilization Reels & Pouches

PMSSteripack heat-sealable sterilization reels and pouches as a packaging solution for sterilization applications, ensure reliable protection of the medical device against contamination with bacteria from the time of sterilization until use of the sterile medical device.

Flat and gusseted type and wide range of standard sizes allow optimum choice of correct sized packaging of each item.

PMSSteripack sterilization reels and pouches are constructed from transparent PET/PP multi-layer copolymer film and medical grade paper. Water based, non-toxic process indicators for steam and ethylene oxide sterilization complying with ISO 11140-1 are applied on the paper surface and help to differentiate between processed and unprocessed packages.

- Reinforced film to avoid tearing during opening
- Superior barrier with 60gsm or 70gsm medical grade paper
- Clean and accurate indicator color change
- Tear, fibre-free opening and aseptic presentation
- Triple band seal for higher package integrity
- Formaldehyde indicator available upon request

PMSSteripack sterilization reels and pouches are proven microbial barriers and comply to ISO 11140-1, ISO 11607 and EN 868-5 standards.

Ordering Information

Code	Description	Size	Unit/Box
FL05200	Sterilization Flat Reel	50mm x 200m	12 pcs
FL75200	Sterilization Flat Reel	75mm x 200m	8 pcs
FL10200	Sterilization Flat Reel	100mm x 200m	6 pcs
FL15200	Sterilization Flat Reel	150mm x 200m	4 pcs
FL20200	Sterilization Flat Reel	200mm x 200m	4 pcs
FL25200	Sterilization Flat Reel	250mm x 200m	2 pcs
FL30200	Sterilization Flat Reel	300mm x 200m	2 pcs
FL35200	Sterilization Flat Reel	350mm x 200m	2 pcs
FL40200	Sterilization Flat Reel	400mm x 200m	2 pcs
FL50200	Sterilization Flat Reel	500mm x 200m	2 pcs

Ordering Information

Code	Description	Size	Unit/Box
GS 75100	Sterilization Gusseted Reel	75mm x 100m	8 pcs
GS 10100	Sterilization Gusseted Reel	100mm x 100m	6 pcs
GS 15100	Sterilization Gusseted Reel	150mm x 100m	4 pcs
GS 20100	Sterilization Gusseted Reel	200mm x 100m	4 pcs
GS 25100	Sterilization Gusseted Reel	250mm x 100m	2 pcs
GS 30100	Sterilization Gusseted Reel	300mm x 100m	2 pcs
GS 35100	Sterilization Gusseted Reel	350mm x 100m	2 pcs
GS 40100	Sterilization Gusseted Reel	400mm x 100m	2 pcs

Ordering Information

Code	Description	Size	Unit/Box
GP 7525	Sterilization Gusseted Pouch	75mm x 250mm	1.000 pcs
GP 1030	Sterilization Gusseted Pouch	100mm x 300mm	1.000 pcs
GP 1039	Sterilization Gusseted Pouch	100mm x 390mm	1.000 pcs
GP 1045	Sterilization Gusseted Pouch	100mm x 450mm	1.000 pcs
GP 1530	Sterilization Gusseted Pouch	150mm x 300mm	1.000 pcs
GP 1539	Sterilization Gusseted Pouch	150mm x 390mm	1.000 pcs
GP 2039	Sterilization Gusseted Pouch	200mm x 390mm	500 pcs
GP 2045	Sterilization Gusseted Pouch	200mm x 450mm	500 pcs
GP 2050	Sterilization Gusseted Pouch	200mm x 500mm	500 pcs
GP 2545	Sterilization Gusseted Pouch	250mm x 450mm	500 pcs
GP 2550	Sterilization Gusseted Pouch	250mm x 500mm	500 pcs
GP 3060	Sterilization Gusseted Pouch	300mm x 600mm	500 pcs
GP 4060	Sterilization Gusseted Pouch	400mm x 600mm	500 pcs

PMSSteripack reels and pouches are available in different sizes for optimum choice of correct size.

Ordering Information

Code	Description	Size	Unit/Box
FP 0525	Sterilization Flat Pouch	50mm x 250mm	1.000pcs
FP 7520	Sterilization Flat Pouch	75mm x 200mm	1.000pcs
FP 7525	Sterilization Flat Pouch	75mm x 250mm	1.000pcs
FP 7530	Sterilization Flat Pouch	75mm x 300mm	1.000pcs
FP 7535	Sterilization Flat Pouch	75mm x 350mm	1.000pcs
FP 7540	Sterilization Flat Pouch	75mm x 400mm	1.000pcs
FP 1020	Sterilization Flat Pouch	100mm x 200mm	1.000pcs
FP 1025	Sterilization Flat Pouch	100mm x 250mm	1.000pcs
FP 1030	Sterilization Flat Pouch	100mm x 300mm	1.000pcs
FP 1035	Sterilization Flat Pouch	100mm x 350mm	1.000pcs
FP 1040	Sterilization Flat Pouch	100mm x 400mm	1.000pcs
FP 1050	Sterilization Flat Pouch	100mm x 500mm	1.000pcs
FP 1060	Sterilization Flat Pouch	100mm x 600mm	1.000pcs
FP 1230	Sterilization Flat Pouch	120mm x 300mm	1.000pcs
FP 1520	Sterilization Flat Pouch	150mm x 200mm	1.000pcs
FP 1525	Sterilization Flat Pouch	150mm x 250mm	1.000pcs
FP 1530	Sterilization Flat Pouch	150mm x 300mm	1.000pcs
FP 1535	Sterilization Flat Pouch	150mm x 350mm	1.000pcs
FP 1540	Sterilization Flat Pouch	150mm x 400mm	1.000pcs
FP 1550	Sterilization Flat Pouch	150mm x 500mm	1.000pcs
FP 2040	Sterilization Flat Pouch	200mm x 400mm	1.000pcs
FP 2060	Sterilization Flat Pouch	200mm x 600mm	1.000pcs
FP 2128	Sterilization Flat Pouch	210mm x 280mm	1.000pcs
FP 2135	Sterilization Flat Pouch	210mm x 350mm	1.000pcs
FP 2142	Sterilization Flat Pouch	210mm x 420mm	1.000pcs
FP 2535	Sterilization Flat Pouch	250mm x 350mm	1.000pcs
FP 2540	Sterilization Flat Pouch	250mm x 400mm	1.000pcs
FP 2545	Sterilization Flat Pouch	250mm x 450mm	1.000pcs
FP 2550	Sterilization Flat Pouch	250mm x 500mm	1.000pcs
FP 2835	Sterilization Flat Pouch	280mm x 350mm	1.000pcs
FP 2840	Sterilization Flat Pouch	280mm x 400mm	1.000pcs
FP 2850	Sterilization Flat Pouch	280mm x 500mm	1.000pcs
FP 3040	Sterilization Flat Pouch	300mm x 400mm	1.000pcs
FP 3045	Sterilization Flat Pouch	300mm x 450mm	1.000pcs
FP 3050	Sterilization Flat Pouch	300mm x 500mm	1.000pcs
FP 3060	Sterilization Flat Pouch	300mm x 600mm	1.000pcs
FP 3250	Sterilization Flat Pouch	320mm x 500mm	1.000pcs
FP 3550	Sterilization Flat Pouch	350mm x 500mm	1.000pcs
FP 3660	Sterilization Flat Pouch	360mm x 600mm	1.000pcs
FP 4060	Sterilization Flat Pouch	400mm x 600mm	1.000pcs
FP 4250	Sterilization Flat Pouch	420mm x 500mm	1.000pcs
FP 4255	Sterilization Flat Pouch	420mm x 550mm	1.000pcs
FP 4260	Sterilization Flat Pouch	420mm x 600mm	1.000pcs

PMSSteripack self-seal sterilization pouches are pre-folded for easy closing and proven microbial barrier complying with ISO 11140-1, ISO 11607 and EN 868-5.

Self-Seal Sterilization Pouches

PMSSteripack self-seal sterilization pouches are pre-folded and assure accurate and fast closing without the requirement of a heat sealing device. They are especially suited for use in small general practices, dental surgeries and by users who want to avoid costs of additional sealing equipment.

PMSSteripack self-seal sterilization pouches are constructed from transparent PET/PP multi-layers copolymer film, medical grade paper and adhesive strip which provides excellent resistance to over-exposure of steam and clean opening.

Water based, non-toxic process indicators for steam and ethylene oxide sterilization complying with ISO 11140-1 are applied on the paper surface and help to differentiate between processed and unprocessed packages.

- Reinforced film to avoid tearing during opening
- Superior barrier with 60gsm or 70gsm medical grade paper
- Clean and accurate indicator color change
- Tear, fibre-free opening and aseptic presentation
- Triple band seal for higher package integrity
- Formaldehyde indicator available upon request

Ordering Information

Code	Description	Size	Unit/Package
KP 0610	Self-Seal Sterilization Pouch	60mm x 100mm	200 pcs
KP 7520	Self-Seal Sterilization Pouch	75mm x 200mm	200 pcs
KP 7525	Self-Seal Sterilization Pouch	75mm x 250mm	200 pcs
KP 0915	Self-Seal Sterilization Pouch	90mm x 150mm	200 pcs
KP 0919	Self-Seal Sterilization Pouch	90mm x 190mm	200 pcs
KP 0923	Self-Seal Sterilization Pouch	90mm x 230mm	200 pcs
KP 0927	Self-Seal Sterilization Pouch	90mm x 270mm	200 pcs
KP 1036	Self-Seal Sterilization Pouch	100mm x 360mm	200 pcs
KP 1128	Self-Seal Sterilization Pouch	110mm x 280mm	200 pcs
KP 1325	Self-Seal Sterilization Pouch	130mm x 250mm	200 pcs
KP 1329	Self-Seal Sterilization Pouch	130mm x 290mm	200 pcs
KP 1336	Self-Seal Sterilization Pouch	130mm x 360mm	200 pcs
KP 1530	Self-Seal Sterilization Pouch	150mm x 300mm	200 pcs
KP 1540	Self-Seal Sterilization Pouch	150mm x 400mm	200 pcs
KP 1934	Self-Seal Sterilization Pouch	190mm x 340mm	200 pcs
KP 1937	Self-Seal Sterilization Pouch	190mm x 370mm	200 pcs
KP 2033	Self-Seal Sterilization Pouch	200mm x 330mm	200 pcs
KP 2042	Self-Seal Sterilization Pouch	200mm x 420mm	200 pcs
KP 3040	Self-Seal Sterilization Pouch	300mm x 400mm	200 pcs
KP 3043	Self-Seal Sterilization Pouch	300mm x 430mm	200 pcs
KP 4060	Self-Seal Sterilization Pouch	400mm x 600mm	200 pcs

EO Sterilization Pouches

PMS offers heat-sealable sterilization pouches special designed for ethylene oxide (EO) sterilization method. PMSSteripack EO pouches ensure reliable protection against contamination with bacteria from the time of sterilization until use of the sterile medical device.

PMSSteripack EO sterilization pouches are constructed from transparent PET/PE multi-layer copolymer film and ethylene oxide grade paper. Water based, non-toxic process indicator for ethylene oxide sterilization complying with ISO 11140-1 is applied on the paper surface and helps to differentiate between processed and unprocessed packages.

PMSSteripack EO sterilization pouches are available in different sizes and can be customized upon request.

- Reinforced film to avoid tearing during opening
- Superior barrier with 60gsm ethylene oxide paper
- Clean and accurate indicator color change
- Tear, fibre-free opening and aseptic presentation
- Triple band seal for higher package integrity
- Low controlled pore size to maximize bacterial barrier performance

STERILE PACKAGING SYSTEMS

PMS

Tyvek Sterilization Reels and Pouches

Tyvek is a rather unique material in the stable packaging classification. It is known for its outstanding strength, durability and tear resistance. As well as industrial use for EO and Gamma sterilization, Tyvek is also used for H_2O_2 Gas Plasma sterilization at hospitals.

PMSSteripack Tyvek sterilization reels and pouches are constructed from transparent multilayer PET/PE copolymer film and uncoated Tyvek web in compliance with EN 868-9. Water based, non-toxic process indicator for hydrogen peroxide sterilization complying with ISO 11140-1 is applied on the Tyvek surface and helps to differentiate between processed and unprocessed packages.

- Excellent microbial barrier properties
- Easy peel and aseptic presentation
- Wide sealing temperature window
- Easy seal with old sealing machines
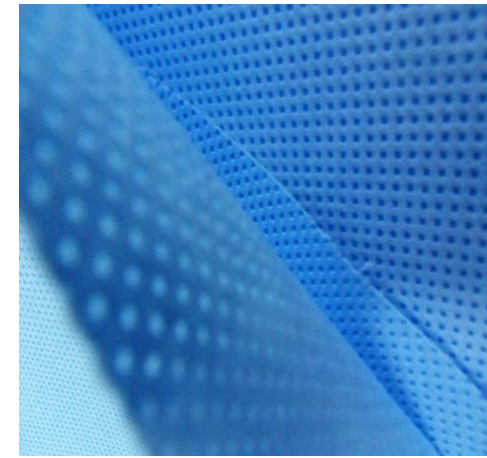- Clear and accurate color change

PMSSteripack Tyvek sterilization packaging are proven microbial barrier complying with ISO 11140-1, ISO 11607 and EN 868-5.

Ordering Information

Code	Description	Size	Unit/Box
TY 0570	Tyvek Sterilization Reel	50mm x 70m	12 pcs
TY 7570	Tyvek Sterilization Reel	75mm x 70m	8 pcs
TY 1070	Tyvek Sterilization Reel	100mm x 70m	6 pcs
TY 1570	Tyvek Sterilization Reel	150mm x 70m	4 pcs
TY 2070	Tyvek Sterilization Reel	200mm x 70m	4 pcs
TY 2570	Tyvek Sterilization Reel	250mm x 70m	2 pcs
TY 3070	Tyvek Sterilization Reel	300mm x 70m	2 pcs
TY 3570	Tyvek Sterilization Reel	350mm x 70m	2 pcs
TY 4070	Tyvek Sterilization Reel	400mm x 70m	2 pcs
TY 5070	Tyvek Sterilization Reel	500mm x 70m	2 pcs

Ordering Information

Code	Description	Size	Unit/Box
TP 0520	Tyvek Sterilization Pouch	50mm x 200mm	1.000 pcs
TP 7520	Tyvek Sterilization Pouch	75mm x 200mm	1.000 pcs
TP 1028	Tyvek Sterilization Pouch	100mm x 280mm	1.000 pcs
TP 1530	Tyvek Sterilization Pouch	150mm x 300mm	1.000 pcs
TP 2040	Tyvek Sterilization Pouch	200mm x 400mm	1.000 pcs
TP 2545	Tyvek Sterilization Pouch	250mm x 450mm	750 pcs

SMMS Wraps for H_2O_2 Sterilization

PMSSteripack SMMS wrapping paper consists of four nonwoven polypropylene fabric layers and can be used either as inner or outer wrapping for medical devices and trays. The spunbond layers (S) provide good filtration properties, tensile strength and are fluid repellent while the meltbown layers (M) ensure strong bacterial barrier properties with very small porous size.

SMMS wraps as single or double wrapped are suitable for steam, ethylene oxide, hydrogen peroxide plasma and irradiation sterilization methods. The memory-free feature before and after sterilization, ensures good aseptic presentation.

- Superior bacterial protection
- Strong and durable
- Fluid repellant and resistant to moisture
- Memory free
- Good puncture and tearing resistance

PMSSteripack SMMS are suitable for VHP and plasma sterilization methods.

Ordering Details | SMMS Wrapping Paper (SMSL)

Code	Description	Size	Unit/Box
SMSL4040	SMMS Wrapping Paper (45 gsm)	400mm x 400mm	500 sheets
SMSL4545	SMMS Wrapping Paper (45 gsm)	450mm x 450mm	500 sheets
SMSL5050	SMMS Wrapping Paper (45 gsm)	500mm x 500mm	500 sheets
SMSL6060	SMMS Wrapping Paper (45 gsm)	600mm x 600mm	250 sheets
SMSL7575	SMMS Wrapping Paper (45 gsm)	750mm x 750mm	250 sheets
SMSL9090	SMMS Wrapping Paper (45 gsm)	900mm x 900mm	250 sheets
SMSL100100	SMMS Wrapping Paper (45 gsm)	1000mm x 1000mm	250 sheets
SMSL120120	SMMS Wrapping Paper (45 gsm)	1200mm x 1200mm	100 sheets

Ordering Details | SMMS Wrapping Paper (SMSH)

Code	Description	Size	Unit/Box
SMSH4040	SMMS Wrapping Paper (60 gsm)	400mm x 400mm	500 sheets
SMSH4545	SMMS Wrapping Paper (60 gsm)	450mm x 450mm	500 sheets
SMSH5050	SMMS Wrapping Paper (60 gsm)	500mm x 500mm	500 sheets
SMSH6060	SMMS Wrapping Paper (60 gsm)	600mm x 600mm	250 sheets
SMSH7575	SMMS Wrapping Paper (60 gsm)	750mm x 750mm	250 sheets
SMSH9090	SMMS Wrapping Paper (60 gsm)	900mm x 900mm	250 sheets
SMSH100100	SMMS Wrapping Paper (60 gsm)	1000mm x 1000mm	250 sheets
SMSH120120	SMMS Wrapping Paper (60 gsm)	1200mm x 1200mm	100 sheets

Crepe Wrapping Paper

PMS offers wide range of wraps for different purposes.

PMSSteripack crepe wrapping paper are made of 100% cellulose fibres and can be used as either inner or outer wrapping. Crepe wraps are suitable for steam, ethylene oxide, formaldehyde and irradiation sterilization methods and are a reliable solution for preventing cross contamination with bacteria.
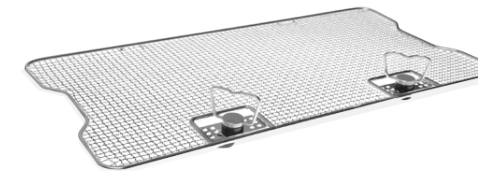
Wrapping papers offered by PMS are in compliance with all international standards.

- Available in different sizes
- Available in differents color for outer and inner wrapping
- High bacterial filtration efficiency (BFE)
- Proven microbial barrier
- Suitable for STEAM, EO, FO and irradiation

PMSSteripack crepe wrapping papers are a safe and economical choice for wrapping of trays.

Ordering Information

Code	Description	Size	Unit/Box
WP3030	Crepe Wrapping Paper (Blue – Green)	300mm x 300mm	500 sheets
WP4040	Crepe Wrapping Paper (Blue – Green)	400mm x 400mm	500 sheets
WP4545	Crepe Wrapping Paper (Blue – Green)	450mm x 450mm	500 sheets
WP5050	Crepe Wrapping Paper (Blue – Green)	500mm x 500mm	500 sheets
WP6060	Crepe Wrapping Paper (Blue – Green)	600mm x 600mm	250 sheets
WP7575	Crepe Wrapping Paper (Blue – Green)	750mm x 750mm	250 sheets
WP9090	Crepe Wrapping Paper (Blue – Green)	900mm x 900mm	250 sheets
WP100100	Crepe Wrapping Paper (Blue – Green)	1000mm x 1000mm	250 sheets
WP120120	Crepe Wrapping Paper (Blue – Green)	1200mm x 1200mm	100 sheets

Crimp Wire Baskets

PMS offers sterilizations baskets and accessories to complete the medical instrument sterilization process. The baskets are ideal for hospitals and clinics to hold several instruments at once during the washing, disinfection, sterilization and storage.

PMS crimp wire baskets are made of high quality AISI 304 stainless steel and are available in different sizes and designs.

Ordering Information

Code	Description	Size	Unit/Box
TM.100.030	Crimp Wire Basket 1/1	540x255x30 mm	1 pcs
TM.100.050	Crimp Wire Basket 1/1	540x255x50 mm	1 pcs
TM.100.070	Crimp Wire Basket 1/1	540x255x70 mm	1 pcs
TM.100.100	Crimp Wire Basket 1/1	540x255x100 mm	1 pcs
TM.105.030	Crimp Wire Basket 1/1	485x255x30 mm	1 pcs
TM.105.050	Crimp Wire Basket 1/1	485x255x50 mm	1 pcs
TM.105.070	Crimp Wire Basket 1/1	485x255x70 mm	1 pcs
TM.105.100	Crimp Wire Basket 1/1	485x255x100 mm	1 pcs
TM.140.030	Crimp Wire Basket 3/4	405x255x30 mm	1 pcs
TM.140.050	Crimp Wire Basket 3/4	405x255x50 mm	1 pcs
TM.140.070	Crimp Wire Basket 3/4	405x255x70 mm	1 pcs
TM.140.100	Crimp Wire Basket 3/4	405x255x100 mm	1 pcs
TM.160.030	Crimp Wire Basket 1/2	255x245x30 mm	1 pcs
TM.160.050	Crimp Wire Basket 1/2	255x245x50 mm	1 pcs
TM.160.070	Crimp Wire Basket 1/2	255x245x70 mm	1 pcs
TM.160.100	Crimp Wire Basket 1/2	255x245x100 mm	1 pcs
TM.101.030	Lid for Baskets	510x240 mm	1 pcs
TM.106.030	Lid for Baskets	455x240 mm	1 pcs
TM.141.030	Lid for Baskets	375x240 mm	1 pcs
TM.161.030	Lid for Baskets	240x215 mm	1 pcs
TM.420.010	Basket Tablet	240x240x32 mm	1 pcs
TM.420.020	Basket Tablet	425x240x32 mm	1 pcs

Autoclavable Biohazard Bag

PMSSteripack autoclavable biohazard bags are ideal for processing of biohazardous materials which require autoclaving prior to disposal. They provide a safe handling and efficient solution for your biohazard waste management.

High integrity polypropylene bag withstand 141°C (285°F) maximum autoclave temperature and is designed to resist puncture, tears and leaks.

PMSSteripack autoclavable biohazard bags are available in different sizes and all bags are imprinted with the universal biohazard symbol.

All materials comply with international standards and are manufactured under validated production process.

- Red, strong autoclavable bag for biohazard waste
- Designed for STEAM sterilization at max 141°C
- Puncture, tear and leak resistance
- Will not soften or melt during sterilization
- Clearly imprinted biohazard symbol

PMSSteripack autoclavable biohazard bags are heat resistant and will not melt during steam sterilization.

Ordering Information

Code	Description	Size	Unit/Box
OT5370	Autoclavable Biohazard Bag	530mm x 700mm	300 pcs
OT6389	Autoclavable Biohazard Bag	630mm x 890mm	200 pcs
OT80110	Autoclavable Biohazard Bag	800mm x 1100mm	200 pcs
OT87110	Autoclavable Biohazard Bag	870mm x 1100mm	120 pcs

STERILIZATION CONTROL PRODUCTS

PMSSteriTest wide range of sterilization control products help to monitor and check sterilization processes and provide reliable and accurate information.

Bowie ⊗ Dick Test Pack

PMSSteriTest Bowie ⊗ Dick Test Packs are pre-assembled, single use test packs designed to evaluate the performance of the air removal system of pre-vacuum assisted sterilizers in compliance with EN 285 and operating at 134°C and 3.5 minutes.

An indicator sheet printed with water based, non-toxic chemical indicator is placed in the center of each pack. The uniform color change of the indicator after steam sterilization indicates that all air was removed and replaced by steam.

The backside of the indicator sheet contains fields to be filled out and it can be kept as a permanent record for traceability purposes.

- Disposable, pre-assembled and ready to use test packs
- Designed for STEAM sterilization at 134°C - 3.5 minutes.
- Clean and accurate indicator color change
- Indicator sheet can be kept as a permanent record
- Validated for 4kg and 7kg sterilization load
- Manufactured in absence of lead or other heavy metals

Ordering Information

Code	Description	Size	Unit/Box
BD3090	Bowie ⊗ Dick Test Pack (4kg load)	-	48 pcs
BD4090	Bowie ⊗ Dick Test Pack (7kg load)	-	24 pcs

Bowie ⊗ Dick Test Sheets

Air leaks in the sterilization chamber threatens the sterilization safety. Daily use of PMSSteriTest Bowie ⊗ Dick Test Sheets help to determine sterilizer malfunctions at an early stage.

PMSSteriTest Bowie ⊗ Dick Test Sheets with DIN A4 dimension can be placed inside a pack made of dry towels according EN 285 standard. After steam sterilization at 134°C – 3.5 min, the reactive ink will show clear and accurate color change from blue to black. In case of sterilizer malfunction, the test sheet will show a non-uniform color development and possible failures can be interpreted easily by enclosed color change card.

PMSSteriTest Bowie ⊗ Dick Test Sheets conform to ISO 11140-1 and ISO 11140-3.

- DIN A4 size
- Designed for STEAM sterilization at 134°C - 3.5 minutes.
- Water based, non-toxic chemical indicator comply to ISO 11140-1
- Clear and accurate color change from blue to black
- Test sheet can be kept for recording purpose
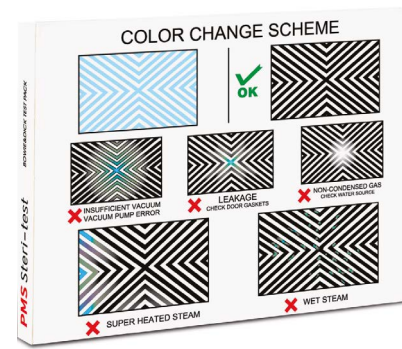- Manufactured in absence of lead or other heavy metals

Ordering Information

Code	Description	Size	Unit/Box
BD5090	Bowie ⊗ Dick Test Sheet	210mm x 297mm	300 pcs

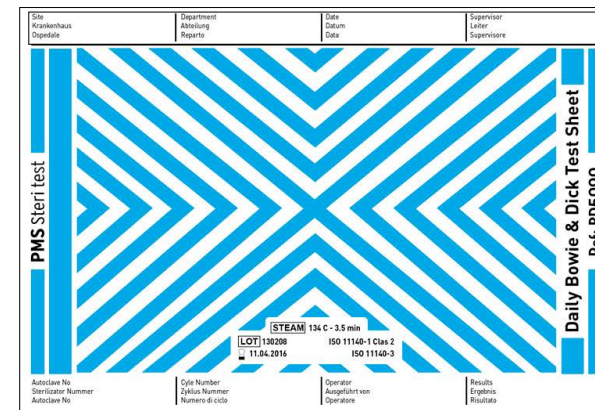*4 kgs Load Pack BD3090*

Front
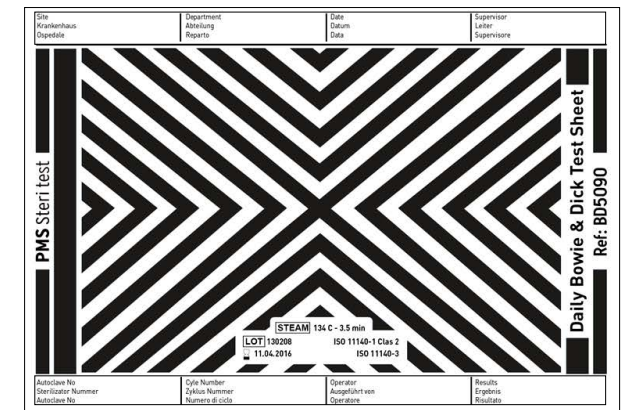
Back

7 kgs Load Pack BD4090

Front

Back

Before Sterilization

After Sterilization

Class 4 Multi-Variable Steam Indicator Strips

PMSSteriTest Class 4 Multi-Variable Steam indicator strips are designed to be used in steam sterilizers operating at 134°C -3.5 minutes. The indicator strips can be used in every pack and will provide assurance of steam penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from blue to black after successful steam sterilization.

PMSSteriTest indicator strips are cost effective and can be divided into two separate pieces for economical use.

- Dual Strip design
- Designed for STEAM sterilization at 134°C - 3.5 minutes.
- Water based, non-toxic chemical indicator comply to ISO 11140-1
- Clear and accurate color change from blue to black
- Manufactured in absence of lead or other heavy metals

Ordering Information

Code	Description	Size	Unit/Box
IS2401	Class 4 Multi-Variable Steam Indicator Strips	250 dual strips	48 packages

Class 5 Ethylene Oxide (EO) Indicator Strips

PMSSteriTest Class 5 Ethylene Oxide (EO) indicator strips are designed to be used at ethylene oxide sterilizers in compliance with ISO 11135. The indicator strips can be used in every pack and will provide assurance of ethylene oxide gas penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from white to yellow after successful ethylene oxide sterilization.

PMSSteriTest indicator strips are cost effective and can be divided into two separate pieces for economical use.

- Dual Strip design
- Designed for EO sterilization
- Water based, non-toxic chemical indicator comply to ISO 11140-1
- Clear and accurate color change from white to yellow
- Manufactured in absence of lead or other heavy metals

Ordering Information

| Code	Description	Size	Unit/Box
IS2501	Class 5 Ethylene Oxide (EO) Indicator Strips	250 dual strips	48 packages

Class 6 Emulating Steam Indicator Strips

PMSSteriTest Class 6 Emulating Steam indicator strips are designed to be used in steam sterilizers operating at 121°C -15 minutes and 134°C -3.5 minutes. The cycle verification indicators can be used in every pack and will provide assurance of steam penetration into the packs and presence of all critical parameters of steam sterilization cycle.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from blue to lilac after successful steam sterilization.

- Single Strip design
- Designed for STEAM sterilization at 134°C - 3.5 minutes.
- Designed for STEAM sterilization at 121°C - 15 minutes.
- Water based, non-toxic chemical indicator comply to ISO 11140-1
- Clear and accurate color change from blue to lilac
- Manufactured in absence of lead or other heavy metals

Ordering Information

Code	Description	Size	Unit/Box
IS2601	Class 6 Emulating Steam Indicator Strips	250 dual strips	48 packages
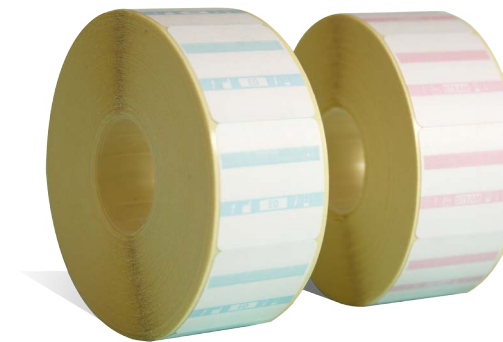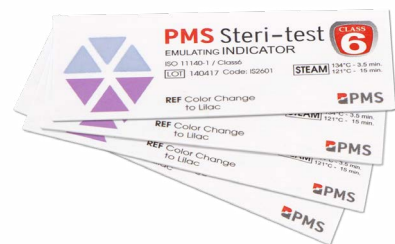
Adhesive Steam ⊗ EO Indicator Labels

PMSSteriTest adhesive indicator labels are double sided self-adhesive labels available with chemical indicator for steam or ethylene oxide sterilization methods.

The lead free chemical indicators in compliance with ISO 11140-1 provide an easy interpretation and will show an accurate indicator color change after successful sterilization cycle.

Used with PMS label gun, the labels can be printed with traceability providing data like sterilization/expiry date, autoclave and cycle no.

- Double sided self-adhesive label
- Designed for STEAM and EO sterilization
- Non-toxic, lead free process indicator
- Accurate indicator color change
- Conforms to ISO 11140-1

Ordering Information

Code	Description	Size	Unit/Box
IL1001	Adhesive Indicator Label for Steam	28mm x 28mm	750 labels/roll
IL2002	Adhesive Indicator Label for EO	28mm x 28mm	750 labels/roll
LG1001	3 line Label Gun	-	1 pcs

Autoclave Tapes

PMSSteriTest autoclave tapes are a safe solution for closing all wrapping materials. The process indicator ink shows an easy and accurate color change and indicates if the pack has been processed.

The autoclave tapes are suitable for steam or ethylene oxide sterilization processes and also provide a clean peel from the wrapping material.

All autoclave tape sizes are available with indicator ink printing and as non-printed fixing tapes.

Ordering Information

Code	Description	Size	Unit/Box
ATS1950	Autoclave Tape STEAM	19mm x 50m	60 pcs
ATS2550	Autoclave Tape STEAM	25mm x 50m	48 pcs
ATE1950	Autoclave Tape EO	19mm x 50m	60 pcs
ATE2550	Autoclave Tape EO	25mm x 50m	48 pcs
AT1950	Autoclave Tape (w/o printing)	19mm x 50m	60 pcs
AT2550	Autoclave Tape (w/o printing)	25mm x 50m	48 pcs

Steam   **EO**   **Plain Tape**

H_2O_2 Plasma Indicator Strips

PMSSteriTest H_2O_2 plasma indicator strips are designed to be used at low temperature hydrogen peroxide gas plasma sterilizers. The indicator strips can be used in every pack and will provide assurance of sufficient hydrogen peroxide gas penetration into the packs.

The water based and non-toxic chemical indicator in compliance with ISO 11140-1 will show a clear and accurate color change from violet to green after successful hydrogen peroxide gas plasma sterilization.
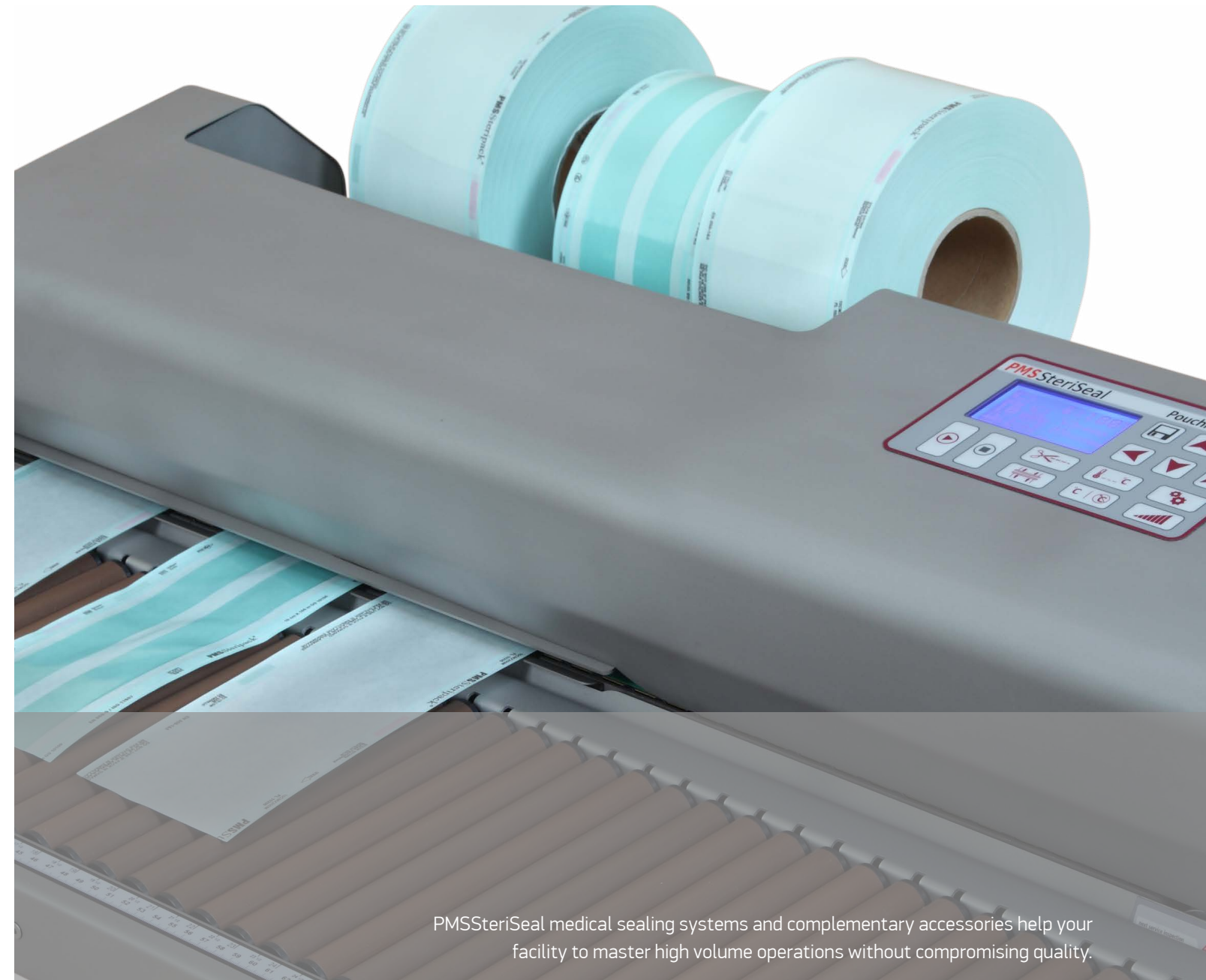
• Designed for vaporized H_2O_2 plasma sterilization

• Non-toxic, lead free process indicator

• Accurate indicator color change

• Conforms to ISO 11140-1

Ordering Information

Code	Description	Size	Unit/Box
IP2101	H_2O_2 Plasma Indicator Strips	250 strips	50 packages
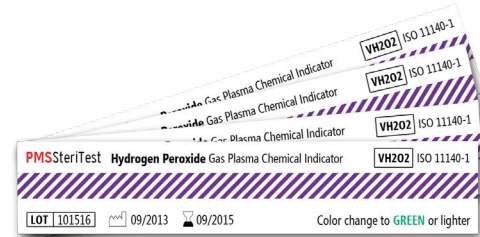
MEDICAL
SEALING SYSTEMS

PMSSteriSeal medical sealing systems and complementary accessories help your facility to master high volume operations without compromising quality.

Pouchmate

Automatic Cutting & Sealing Device

The patented Pouchmate medical sealing device for hospital and industry applications is a combined self-cutting and sealing system that is contributing to your productivity and flexibility independence by providing an unparalleled blend of benefits.

Common sterilization packaging process requires different devices and high labor power. Pouchmate medical sealing device, converts cutting and sealing processes into an all-in-one solution and turns workspace to a more productive and flexible area. The fully automated process helps to decrease the workload and reduces labor costs up to 70%.

Pouchmate can master high volume operations easily and the patented automatic cutting and sealing feature makes Pouchmate capable of producing ready to fill pouches from multiple reels, with a high production efficiency of more than 5.000 pouches per hour.

Pouchmate can process reels made of medical grade paper/film and Tyvek packaging up to a width of 40cm and can be also used for manual sealing of filled pouches.

All devices carrying **PMS**SteriSeal *brand are validated, calibrated and in compliance with international standards.*

Ordering Information

Code	Description	Size	Unit/Box
PM101	Pouchmate	460 x 930 x 220 mm	1 pcs
RP101	Transfer Roller	260x 950 x 70 mm	1 pcs

Rotary Sealer with Printer

PMSSteriSeal Rotary Sealers with built-in printer are specially designed to meet the demand of high volume operations in hospitals and medical device industries.

Common sterilization packaging processes require traceability of sealed pouches to ensure patient/medical device safety and control all time. The built-in printer of PMSSteriSeal Rotary Sealers ensures the end-user that all essentials data needed for traceability can be printed on the back side of the pouch.

Each model housing is made of AISI 304 stainless steel, which reduces maintenance to a minimum and ensures hygienic use at CSSD's. The temperature settings are controlled by microprocessors and can be adjusted between 50°C to 250°C with a ±1% tolerance.

A hermetically sealing is ensured for a wide variety of materials like sealable pouches and reels according EN 868-5 and ISO 11607-1, Tyvek® 1059B, 1073B and 2FS.

Essential data to be printed on the sterilization packaging, can be easily entered and monitored by the user through the large LCD panel. Seal date, expiry date, operator name/code and lot number details will be printed automatically during the optical sensor controlled feeding.

All machines carrying the PMSSteriSeal™ brand are validated, calibrated and in compliance with international standards.

Ordering Information

Code	Description	Size	Unit/Box
SS201	PMSSteriSeal Rotary Sealer w/ Printer	260 x 670 x 700 mm	1 pcs
RY101	Transfer Roller	260 x 530 x 105 mm	1 pcs

Rotary Sealer

PMSSteriSeal Rotary Sealer SS101 is an entry model which is solid, durable and extremely easy to use. Once power is on and the variable temperature adjustment has been done, the Rotary Sealer works when it's needed and stops automatically when the work is done.

As all PMSSteriSeal medical sealing devices, the basic rotary sealer is microprocessor controlled and the temperature can be adjusted anytime easily. The sensitive temperature ranging between 50°C and 250°C provides the user with flexibility to seal different kind of packaging such as paper/film and Tyvek pouches. Automatic feeding driven by optical sensors and multiline sealing technique ensure optimum seal strength at continuous operations.

All medical sealing systems carrying the PMSSteriSeal brand are validated, calibrated and in compliance with international standards.

Ordering Information

Code	Description	Size	Unit/Box
SS101	PMSSteriSeal Rotary Sealer	230 x 510 x 170 mm	1 pcs
RK101	Transfer Roller	260x 530 x 66 mm	1 pcs

Roll Dispenser & Cutter

The standard packaging material used for packaging of medical devices sometimes does not meet with the sizes of diversity in instruments. PMS has designed various roll dispensers including cutting units to enable users to create any required length of packaging material.

The dispenser frame is constructed from stainless steel and steel rods with nylone bearings for hygienic use at CSSDs. The integrated cutting unit includes an accurate and high quality cutting blade providing safe and secure handling and easy replacement.

The roll dispenser and cutter is an useful addition to PMSSteriSeal rotary sealing machines. It's renewed and the modular design makes it an ergonomic and economic tool which can be used as single or double rack model on working stations or just mounted on the wall.

Ordering Information

Code	Description	Size	Unit/Box
KA201	Roll Dispenser & Cutter	-	1 pcs

INDUSTRIAL PACKAGING PRODUCTS
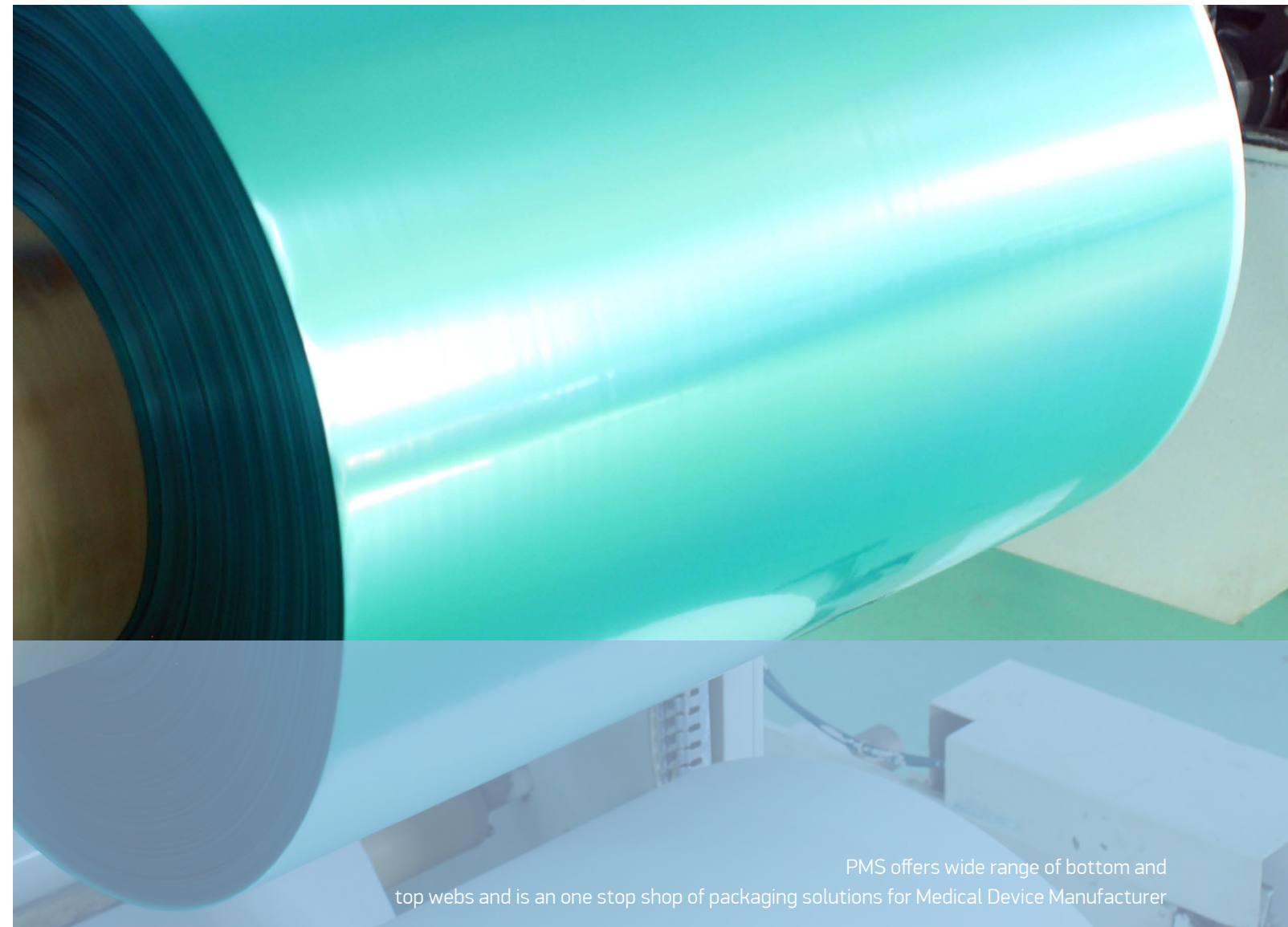
PMS offers wide range of bottom and top webs and is an one stop shop of packaging solutions for Medical Device Manufacturer

Thermoformable Film Web (PP/PE)

PMS offers multilayer, thermoformable barrier flexible film for packaging of various medical devices such as syringes, needles, feeding tubes and in vitro tubes. The combination of polypropylene and low density polyethylene provides superior forming characteristics and excellent dimensional stability and can be sealed to coated or uncoated medical grade paper.

PMS PP/PE film webs can be used on many types of form fill seal machines and its wide operating temperature and sealing features ensure a cost-effective packaging solution for medical device manufacturer.

- Well thermoforming
- Forming temperature: 95°C – 115°C
- Puncture resistance
- High transparency
- Good adhesive features
- Excellent seal strength
- Low haze
- Excellent moisture resistance
- Low thermal sealing temperature
- Conforms with ISO 11607, ISO 13485 and ISO 9001 standards

PMS thermoformable PP/PE webs are suitable for packaging of various medical devices like syringes, needles, feeding tubes, IV tubes and etc.

Ordering Information

Code	Description
SRG	Thermoformable Film Web PP/PE

Tear Free

PMS steam sterilizable PET/ PP webs assure excellent mechanical strength and ensure high puncture and break resistance.

Steam Sterilizable Film (PET/PP)

PMS offers PET/PP laminated film webs specially developed for sterile medical device packaging purposes.

PMS PET/PP film webs are based on a special formula for STEAM sterilization by providing exceptionally sealing performance by increased bondability, tensile strength and melting point. The film web offers a clean and uniform peel and can withstand steam sterilization process.

The special film offers new and cost-efficient high-quality sterilization packages.

- Compatible with steam sterilization
- Excellent mechanical strength
- High puncture, tear, break resistance pre and POST steam sterilization
- Outstanding clarity
- Easy sealable and peelable with uncoated medical grade paper
- High machinability
- Low haze
- Conforms with ISO 11607, ISO 13485 and ISO 9001 standards

Ordering Information

Code	Description
PPLF	STEAM Sterilizable Film Web PET/PP

Tyvek Webs

Tyvek is a rather unique material in the stable packaging classification. It is known for its outstanding strength, durability and tear resistance. As well as industrial use for EO and Gamma sterilization, Tyvek is also used for H_2O_2 Gas Plasma sterilization at hospitals.

Tyvek made by DuPont, is manufactured by using heat and pressure to bond very fine continuous filaments of high density polyethylene (HDPE) together. The unique manufacturing process makes Tyvek a high-strength, high-barrier and breathable material for medical packaging.

- High BFE
- Excellent peelability
- High puncture and tear resistance
- Non-printed or printed up to 6 colors
- Available with H_2O_2 Plasma indicator printing
- Cleanroom packaging
- High seal performance with PMS film web
- Conform to EN 868-9

Ordering Information

Code	Description
TK2FS	Tyvek Web 2FS
TK1073	Tyvek Web 1073B

Tyvek® Match*

H_2O_2 Plasma Sterilizable Film (PET/PE)

First advanced PET/PE film for Tyvek packaging. Packaging manufacturers can now operate on a very wide temperature range and achieve reliable seal to the bottom Tyvek® web by ensuring fiber-free aseptic presentation at any time.

PMS H_2O_2 plasma sterilizable film offers a clean, uniform peel, giving users peace of mind in the package's sterility, can withstand sterilization processes and its solvent-free production is more environmentally friendly.

The special film offers new and cost-efficient high-quality sterilization packages.

- Sealable and peelable with "uncoated" Tyvek
- Excellent peelability
- Tear free
- Sealing temperature: 105°C – 125°C
- Suitable for packaging high quality medical devices requiring high performance and protection
- Outstanding clarity
- Low thermal sealing temperature
- Conforms with ISO 11607, ISO 13485, ISO 9001 standards

Ordering Information

Code	Description
PELF	H_2O_2 Sterilizable Film Web PET/PE

* Tyvek is a registered product of DuPont

Medical Grade Paper

PMS offers different medical grade papers suitable for steam, ethylene oxide, formaldehyde and irradiation sterilization methods.

PMS medical grade paper is made of 100% cellulose fibers and is designed to allow sterilization agent penetration. The unique dense and matted layer structure of the fibers provides a high bacterial barrier performance after the sterilization and during the storage of sterilized packs.

PMS medical grade paper meet Medical Industry's requirement for high quality, hygiene and safety levels and comply with international standards.

- High BFE (Bacterial Filtration Efficiency)
- Non-printed or printed up to 6 colors
- Cleanroom packaging
- Excellent peelability
- Validated printing process
- 60 gsm – 70 gsm – 83 gsm
- High seal performance with PMS films
- Conforms with EN 868-3 and 868-6 standards

Ordering Information

Code	Description
MKK	Medical Grade Paper

Pouches for Medical Device Industry

Product development, pack design and technical service is an integral part of our service package.

By observing our customers' markets, their special requirements and correctly interpreting their requests we can provide a full customer oriented service with a consistently high quality and reproducible focus. Our service range starts from packaging design and prototype production through to process related consulting.
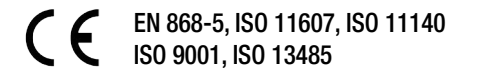
- Pouches with widths from 40mm to 1000mm and length from 50mm to 1200mm
- Coated or uncoated Tyvek Pouches
- 6 printing colors available
- Chevron shaped seals allows easy and fiber free opening
- Printed or blank
- Pouches for steam, Gas, Irradiation or VHP Plasma sterilization
- Paper/Paper, Paper/Film pouches
- Easy-Peel glove pouches
- Long catheter pouches

Ordering Information

Code	Description
MKK	Medical Grade Paper

SOLUTIONS FOR STERILE PACKAGING SYSTEMS

PMS

SBA — Sterile Barrier Association — *Protecting the Patient*

Lloyd's Register LRQA

TSE

CE

EN 868-5, ISO 11607, ISO 11140
ISO 9001, ISO 13485

STERILE PACKAGING SYSTEMS

PMS

WE SERVE WORLDWIDE